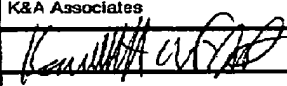# RECEIVED
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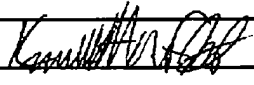
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TRANSMITTAL FORM	

Application Number	09/751,765
Filing Date	December 29, 2000
First Named Inventor	R. A. WIEDEMAN
Art Unit	2617
Examiner Name	James D. Ewart
Attorney Docket Number	YR0-61

(to be used for all correspondence after initial filing)

Total Number of Pages In This Submission | 5

ENCLOSURES   *(Check all that apply)*

- [ ] Fee Transmittal Form
  - [ ] Fee Attached
- [ ] Amendment/Reply
  - [ ] After Final
  - [ ] Affidavits/declaration(s)
- [ ] Extension of Time Request
- [ ] Express Abandonment Request
- [ ] Information Disclosure Statement
- [ ] Certified Copy of Priority Document(s)
- [ ] Reply to Missing Parts/ Incomplete Application
  - [ ] Reply to Missing Parts under 37 CFR 1.52 or 1.53

- [ ] Drawing(s)
- [ ] Licensing-related Papers
- [ ] Petition
- [ ] Petition to Convert to a Provisional Application
- [ ] Power of Attorney, Revocation Change of Correspondence Address
- [ ] Terminal Disclaimer
- [ ] Request for Refund
- [ ] CD, Number of CD(s) _____
  - [ ] Landscape Table on CD

- [ ] After Allowance Communication to TC
- [x] Appeal Communication to Board of Appeals and Interferences
- [ ] Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
- [ ] Proprietary Information
- [ ] Status Letter
- [x] Other Enclosure(s) (please identify below):
  Cover letter

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	K&A Associates
Signature	*(signature)*
Printed name	Kenneth W. Float
Date	1/7/2008	Reg. No.	29,233

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	*(signature)*		
Typed or printed name	Kenneth W. Float	Date	1/7/2008

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PATENT
YR0-61

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: R. A. WIEDEMAN ET AL	: Date: January 7, 2008
Serial No.: 09/751,765	:
Filed: December 29, 2000	: Group Art Unit: 2617
For: METHOD AND APPARATUS PROVIDING	:
SUPPRESSION OF SYSTEM ACCESS BY USE	: Examiner: James D. Ewart
OF CONFIDENCE POLYGONS, VOLUMES	:
AND SURFACES IN A MOBILE SATELLITE SYSTEM	:

COVER LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed are three copies of revised page 3 of the Appeal Brief. The "Status of Amendments" section has been corrected to identify the correct date of filing of the response after final rejection. Entry of the revised pages of the Appeal Brief is respectfully requested.

Respectfully submitted,

Kenneth W. Float
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Serial No.: 09/751,765.. Page 3

STATUS OF AMENDMENTS

A paper dated August 1, 2007 filed in response to the final rejection made a minor amendment to claim 10.

SUMMARY OF CLAIMED SUBJECT MATTER

The present invention provides that the teachings can be employed to control the actions of a user terminal (UT) (5, Fig. 1) located at a remote location, possibly far from a gateway (GW) (1, Fig. 1), which has an interface to the Public Switched Telephone Network (PSTN) (2, Fig. 1) and/or to the Internet or to any other kind of network, either mobile or fixed. These teachings employ a computer generated and stored database of an area (referred to as a Confidence Polygon) (9, Fig. 1), a volume (referred to as a Confidence Volume) (31, Fig. 2), and/or a plane (referred to as a Confidence Surface) (33, Fig. 2) to establish a geometric shape located on the earth, above the earth or in space, or combinations thereof. In addition, there is assigned to these areas, volumes and/or planes a static or a variable value referred to as a Confidence Limit (CL) that can be compared to a value of an error (E) in a position location (12, Fig. 1) of the UT. The error signal can either be generated by the UT or by the GW. A controller (66, Fig. 6), which may be a part of the GW, acts upon the database of the geometric shapes, and the assigned or derived values of CL and E, to determine if the comparison of CL and E, combined with the current position of the UT, yields a certain result according to the operational mode of the controller. There can be many operational modes of the controller. Depending on the operational mode the result of the comparison of the CL assigned to the area, volume or plane is used to affect control of the UT or an external device attached to the UT. By example, the UT may be forbidden or allowed to access the system or to make or receive a call, or some operational characteristic(s) of the UT may be specified, such as transmitter power, frequency, and the like. The end result, by example, is an ability to provide protection for a site, such as a radio astronomy site from UT emissions.

Also disclosed is a method for operating a mobile satellite communication system having at least one GW (1, Fig. 1), at least one user terminal UT (5, Fig. 1), and a constellation of satellites (4, Fig. 1). The method includes the steps of, for a site to be protected, for example, from UT transmissions, specifying an exclusion or inclusion zone having a confidence limit (CL) associated therewith; and selectively providing service to a UT depending on a determined location of the UT relative to the exclusion or inclusion zone

Serial No.: 09/751,765 .... Page 3

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